

KB - 6000 - FPU20 - SCR - MSR
Heavy-duty USB Keyboard built-in MSR & SCR


Saral KB-6000-FPU20-SCR-MSR, Heavy-duty Magnetic Stripe Reader Keyboard features a 104-key keyboard layout with a built-in Smart Card Reader (SCR) for banking transactions, identification systems, secure login and for secure Credit Cards. Combining the latest magnetic stripe, smart card reading technology and FBI/PIV Optical fingerprint scanner, the KB-6000-FPU20-SCR-MSR offers the utmost POS keyboard performance and longevity to the general market. Not only is it ideal for any retail environment, but also a perfect tool for PC security, health care office, identification, and much more. Antimicrobial ABS material (option) is also available.

Keyboard	
Key Number	104/105 Keys (US/ EU)
Key Switch	Membrane with 20 million life cycle time
Key Force/ Traveling Distance	50 +/- 7 gm; 4 +/- 0.5 mm
Led Indicator	4 LEDs, Num Lock, Caps Lock, Scroll Lock, MSR Read/ Write
Input Power / Interface	5 VDC, 100mA / USB 1.1 version; (PS/2 mini-DIN, optional)
Key Cap	Ergonomic keycap design with 5 different height
Magnetic Stripe Card Reader	
Number of Tracks	Track 1 & 2 or Track 1, 2 & 3
Compatibility	ISO 7810 and 7811-1 through -6 cards/ Reads AAMVA driver license cards
Communications	Decoded track data sent through keyboard communication cable
Output Data Formatting	Default card data output format or customized data output format is programmable through PC configuration utility. See Appendix A for default settings
Operating Life	1,000,000 card swipes
Card Speed Range	3 to 60 IPS (inches per second)
Audio Beeper	Indicates error free card data reading
Options - Encryption key	Also provide key Injection, Production Injection and TG3 Key Injection
Smart Card Reader	
Standard	ISO7816
Protocols	T=0, T=1.2-wire; SLE 4432/42 (S=10), 3-wire; SLE4418/28 (S=9), 12C (S=8)
Reading Speed/ Frequency	420 Kbps / up to 8MHz
Card Type Support	5V, 3V and 1.8V smart card ISO 7816 Class A, AB and C
API Support	PCSC, CTAPI, Synchronous-API, OCF
PCSC Driver Support	Windows 98/ME/2K/XP (32bit), 2003 Server Win, Win NT, Windows CE5.0/ CE.NET, Windows XP 64bit, Windows Vista (32bit/ 64bit), Windows 7/8, Windows 10, Linux
Reliability	100K card insertions (500K life cycle time also available)

Optical Fingerprint Scanner		
Capture Mode		Touch
Sensor Type		Optical (FBI, PIV, FIPS 201, STQC)
Image Size		300 x 400 pixels
Platen Size		18.2 mm x 22.9 mm
Effective Sensing Area		15.2 mm x 20.3 mm
Resolution		500 DPI
Matching		1:1, 1:N
Supported Standards		INCITS 378, ISO/IEC 19794-2, ISO/IEC 19794-4, FIPS-201, FBI (PIV, Mobile ID FAP 10), NIST, MINEX, WSQ
Other Features		Auto-On™, Smart Capture™, 360 Degree Fingerprint Rotation
Others		
Physical	Dimension	450.17 (L) x 171 (W) x 46.37 (H)
	Box / Weight	500 (L) x 220 (W) x 55 (H) mm/ 1.3 Kg (G.W.)
Packing Information		5 pcs/ctn; 1.39 cuft/ctn; 8.5 kgs (G.W.); Carton Dimension: 51.5 x 30.5 x 25 cm
Options		Antimicrobial ABS material; compliance with JIS Z2801 standard

* Features and specification are subject to change without notice.